

1      **In the Claims**

2      Claims 24 and 62 are amended.

3      Claims 1-23, 37-47, 54-57, 61, 63-64 are canceled without prejudice.

4      Claims 24-36, 48-53, 58-60, and 62 remain in the application and are listed  
5      below:

6      **1.-23. (Canceled).**

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9      **24. (Currently Amended)** A system for determining context  
10 comprising:

11      one or more computer-readable media;  
12      a first hierarchical tree structure having multiple nodes associated with a  
13      first context, wherein the first hierarchical tree structure resides on the one or more  
14      computer-readable media;

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16      at least one second hierarchical tree structure having multiple nodes  
17      associated with a second context, wherein the second hierarchical tree structure  
18      resides on the one or more computer-readable media; and

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20      at least one node from the at least one second hierarchical tree structure  
21      being linked with one node on the first hierarchical tree structure by a link that is  
22      configured to enable a complete context to be derived from the first and second  
23      contexts, individual nodes having unique IDs that can serve as a basis by which  
24      attributes can be assigned to goods or services,

1           said multiple nodes comprising parent and children nodes, at least some of  
2       the parent nodes and their associated children nodes having IDs that are unique for  
3       the associated node.

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5           **25. (ORIGINAL)** The system of claim 24, wherein the first and second  
6       contexts comprise a location context.

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9           **26. (ORIGINAL)** The system of claim 24, wherein the nodes of the first  
10      hierarchical tree structure comprise geographical divisions of the Earth.

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12           **27. (ORIGINAL)** The system of claim 26, wherein the nodes of the at  
13      least one second hierarchical tree structure comprise physical and/or logical  
14      entities.

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17           **28. (ORIGINAL)** The system of claim 24, wherein the first and the at  
18      least one second hierarchical tree structures comprise a plurality of attributes, one  
19      of which comprising information that pertains to the tree with which the node is  
20      associated.

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23           **29. (ORIGINAL)** The system of claim 28, wherein the information  
24      comprises a universal resource locator (URL).

1           **30. (ORIGINAL)** The system of claim 24 further comprising one or  
2 more goods or services associated with one or more of the nodes of the at least one  
3 second hierarchical tree structure.

4

5           **31. (ORIGINAL)** The system of claim 24, wherein the first hierarchical  
6 tree structure comprises a standardized view of the Earth, and the at least one  
7 second hierarchical tree structure comprises an organization-specific view of at  
8 least a portion of the Earth, the organization-specific view comprising a  
9 physical/logical entity that links into specific portions of the Earth.

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12           **32. (ORIGINAL)** The system of claim 31, wherein the organization-  
13 specific view has no context outside of the organization.

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16           **33. (ORIGINAL)** The system of claim 24, wherein the computer-  
17 readable media is embodied on a mobile computing device.

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20           **34. (ORIGINAL)** The system of claim 24, wherein the computer-  
21 readable media is embodied on a desktop device.

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24           **35. (ORIGINAL)** The system of claim 24, wherein the computer-  
25 readable media is embodied a handheld mobile computing device.

1           **36. (ORIGINAL)** The system of claim 24, wherein the computer-  
2           readable media is accessible to a computing device via the Internet.  
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4           **37.-47. (Canceled).**  
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6           **48. (PREVIOUSLY PRESENTED)** One or more computer-readable  
7           media having computer-readable instructions thereon which, when executed by a  
8           computing device, cause the computing device to:  
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10           access first and second hierarchical tree structures, each tree structure  
11           having multiple nodes, the nodes of the first hierarchical tree structure being  
12           associated with a first location context, the nodes of the second hierarchical tree  
13           structure being associated with a second location context, at least one node of the  
14           second hierarchical tree structure being linked with a node of the first hierarchical  
15           tree structure; and  
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17           traverse at least one node of each tree structure to derive a location context,  
18           at least one node in a traversal path that leads to a root node of the second  
19           hierarchical tree structure being linked with a node of the first hierarchical tree  
20           structure, individual nodes having unique IDs that can serve as a basis by which  
21           attributes can be assigned to goods or services, said multiple nodes comprising  
22           parent and children nodes, at least some of the parent nodes and their associated  
23           children nodes having IDs that are unique for the associated node.  
24  
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1           **49. (ORIGINAL)** The one or more computer-readable media of claim  
2           48, wherein the computing device automatically determines its location context.  
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4           **50. (ORIGINAL)** The one or more computer-readable media of claim  
5           48, wherein the computing device is a handheld computing device.  
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7           **51. (ORIGINAL)** The one or more computer-readable media of claim  
8           48, wherein the computing device is a mobile computing device.  
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10           **52. (ORIGINAL)** The one or more computer-readable media of claim  
11           48, wherein the computing device is a desktop device.  
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13           **53. (ORIGINAL)** The one or more computer-readable media of claim  
14           48, wherein the computing device is a handheld computing device that  
15           automatically determines its location context.  
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17           **54.-57. (Canceled).**  
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19           **58. (PREVIOUSLY PRESENTED)** A computer-implemented method  
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21           of building context-aware data structures comprising:  
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23           receiving input from a source that specifies information pertaining to  
24           physical and/or logical entities;  
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1 processing the information to define a hierarchical tree structure having a  
2 context, the tree structure comprising multiple nodes each of which represent a  
3 separate physical or logical entity, said multiple nodes comprising parent and  
4 children nodes, at least some of the parent nodes and their associated children  
5 nodes having IDs that are unique for the associated node;

6 linking at least one of the multiple nodes to a node of another tree structure  
7 having a context and multiple nodes that represent physical and/or logical entities,  
8 individual nodes having unique IDs that can serve as a basis by which attributes  
9 can be assigned to goods or services,

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11 the tree structures being configured for traversal in a manner that enables  
12 context to be derived from one or more of the nodes.

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14 **59. (ORIGINAL)** The computer-implemented method of claim 58,  
15 wherein the context that is derived comprises a location context.

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18 **60. (ORIGINAL)** One or more computer-readable media having  
19 computer-readable instructions thereon which, when executed by a computing  
20 device, cause the computing device to implement the method of claim 58.

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22 **61. (Canceled).**  
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1           **62. (Currently Amended)** A system for determining context  
2 comprising:

3           one or more computer-readable media;

4           a first hierarchical tree structure having multiple nodes associated with a  
5           first context, wherein the first hierarchical tree structure resides on the one or more  
6           computer-readable media;

7           at least one second hierarchical tree structure having multiple nodes  
8           associated with a second context, wherein the second hierarchical tree structure  
9           resides on the one or more computer-readable media; and

10          at least one node from the at least one second hierarchical tree structure  
11          being linked with one node on the first hierarchical tree structure by a link that is  
12          configured to enable a complete context to be derived from the first and second  
13          contexts, individual nodes having unique IDs that can serve as a basis by which  
14          attributes can be assigned to goods or services,

15          said multiple nodes comprising parent and children nodes, at least some of  
16          the parent nodes and their associated children nodes having IDs that are unique for  
17          the associated node;

18          wherein the nodes of the first hierarchical tree structure comprise  
19          geographical divisions of the Earth;

20          wherein the first and the at least one second hierarchical tree structures  
21          comprise a plurality of attributes, one of which comprising information that  
22          pertains to the tree with which the node is associated.

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2       **63.-64. (Canceled).**  
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